Abstract

Described is a method for detecting acid stratification in a battery including the
following steps:

- Determining a first state of charge value (SOC_1) during a load period of the

5   battery on the   basis of an estimated open-circuit voltage,

- Determining a second state of charge value (SOC_2) during a rest period of the
battery following the load period on the basis of a measured open-circuit
voltage,

- Comparing the first state of charge value (SOC_1) to the second state of

10   charge value   (SOC_2), and

- Detecting acid stratification when a defined deviation (ΔSOC) of the first state
of charge   value (SOC_1) from the second state of charge value (SOC_2) is
exceeded.